

ABSTRACT

A novel DNA comprising a protein-encoding region is directly cloned from cDNA library originating from human adult whole brain and human fetal whole brain, the base sequence thereof is determined, and the functions thereof are identified.

A DNA comprising a base sequence encoding the following polypeptide (a) or (b):

- (a) a polypeptide consisting of an amino acid sequence which is identical or substantially identical with the amino acid sequence represented by SEQ ID No.1,
- (b) a polypeptide consisting of an amino acid sequence represented by SEQ ID No.1 in which part of amino acids are deleted, substituted or added, and having substantially the same biological activity as the function of the polypeptide (a),

a recombinant polypeptide encoded by the above DNAs, and protein comprising the polypeptide.